1/19 Thioester e.g. Acetyl CoA DT Diaphorase ONA INTERSTRAND CROSSLINKS DNA ADDUCTS

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$$2/19$$
 H CONH₂
HO-CH₂ O H H

C₁₁ H₆ N₂ O₅ 256.25 256.105921 C 51.6% H 6.3% N 10.9% O 31.2%

Fig. 2

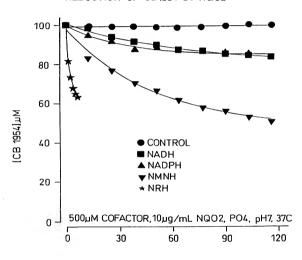
$$H_2NC$$
 NO_2
 $NRII$
 NR^+
 NO_2
 $NRII$
 NR^+
 NO_2
 NO_2

Fig. 3

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REDUCTION OF CB1954 BY NQO2



TIME (min.)

Fig. 4

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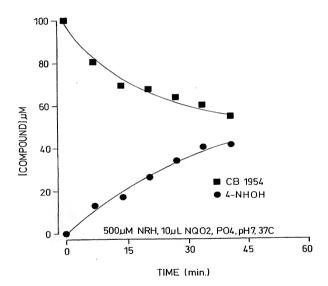


Fig. 5

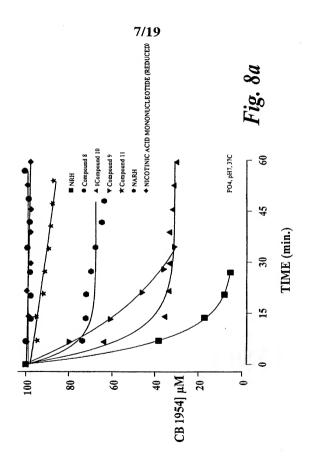
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					0. 1.					
	245	315	385	455	525 11	595 140	665	735	805 210	873 231
a	, , , , , , , , , , , , , , , , , , ,	N V V V V V V V V V V V V V V V V V V V	V V V V V V V V V V V V V V V V V V V	CANACCAGARACCTRAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG	V V V V V V V V V V V V V V V V V V V	GGATAGGGTGTTGGCTTTGACATCCCAGGATTCTACGATTCCTCAGGTTTCTCTCAGGTTTTCTCAGGTTTCTCAGGATTCTACGATTCTAGATTCTAGATTCTAGATTAGGATTCTAGAT	V V V V V V V V V V V V V V V V V V V	V CANDETTOCRETEGECEACTGECACTTACACTTCTGTGGATTTAAAGTCCTTGCCCC ATTACACTTCTGTGGATTTAAAGTCCTTGCCCC S R V E A P S R Y F L W P E Q H G T L H F C G F K V E A P	V CCCAGGANATGCATCCGAAGAAAGAAAGGGGATGGTGGTGGTGGTCCAG TCAGATCATTGCTCCTGAAATTGCATCCGAAGAAAGAAAG	AGGTGCAGACCAACCCATCCCTGCACCCATGCCCATGCGCATTCGGCAATAACT R L Q T I W K E E P I P C T A H W F G Q <

œ

$$\bigcap_{\substack{N\\ N\\ R}}^{NH_2}$$

Compound number	R
1	-CH ₂ CH ₂ CH ₂ SO ₃
2	-CH2CONH2
3	-CH ₂ CH ₂ CH ₃
4	-CH(CH ₃) ₂
5	-CH2CH2CH2OH
6	-CH₂CH₂OH
7	-CH2CH2COOH
8	-CH ₂ C ₆ H ₅
9	-CH ₃
10	-CH ₂ CH ₃
11	-CH2CH2C6H5



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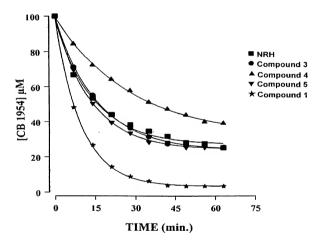


Fig. 8b

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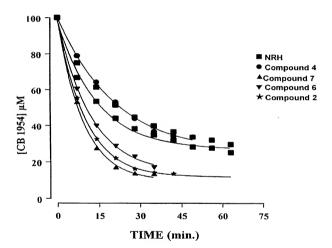


Fig. 8c



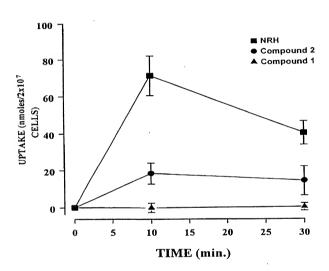


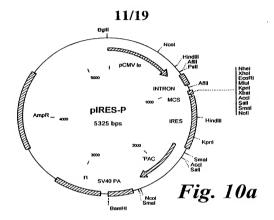
Fig. 9

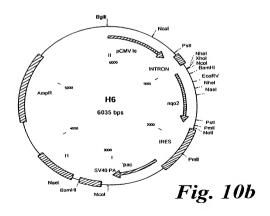
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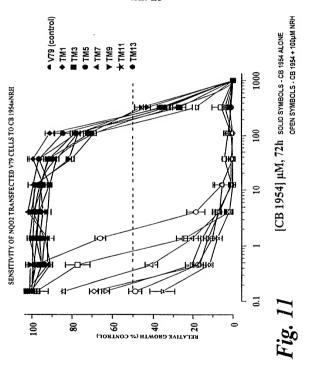
By. Philip John Burke and Richard John Knox
Continuation of U.S.S.N. 09/445,865

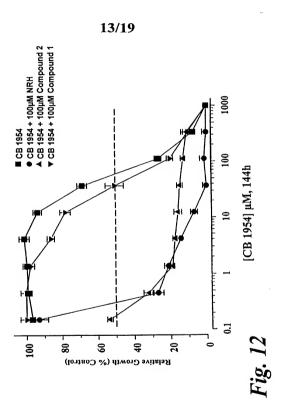
Filed March 13, 2002

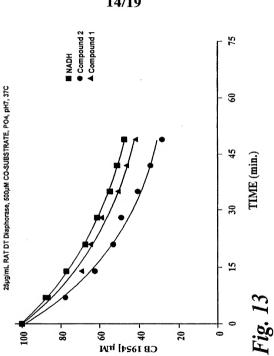
Atty Docket No. ERD 100 CON



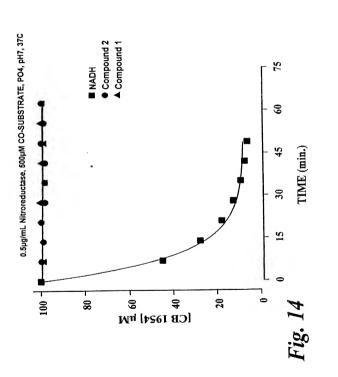




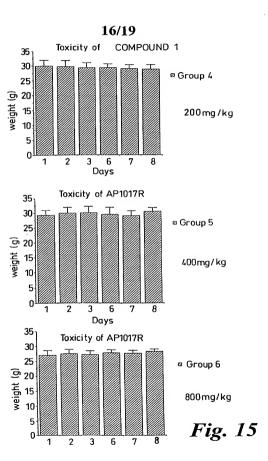




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